

PROCESS FOR THE PRODUCTION OF BUILDING ELEMENTS USED FLY ASH

Patent number: KR9309663
Publication date: 1993-10-08
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Classification:
- International: C04B18/06; C04B24/20; C04B14/28
- european:
Application number: KR19910012986 19910729
Priority number(s): KR19910012986 19910729

Abstract of **KR9309663**

The brick for building is produced by mixing 45-60 wt.% fly ash as aggregate source with 35-50 wt.% first chemical additive having of sodium silicate mixture and 2% cationic surfactant in the ratio of 1:2-3 at 60 rpm mixing speed changing direction of rotation at 1 minute intervals for 5-7 minutes, adding and mixing 5 wt.% second chemical additive solution having 20 % calcium dehydrate at 80 rpm mixing speed in the same way as above for 10 minutes, moulding, heating at the rate of 10 deg.C per 1 minute, curing at 250 deg.C for 10 hours, cooling at the same rate.

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